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Mail Stop Patent Application
PO Box 1450
Alexandria, Virginia 22313-1450

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Sir:

Assignee Name: International Business Machines Corp.
Assignee Residence: Armonk, New York

Transmitted herewith for filing is the Patent Application of:

Inventors: **Mark Allen Grubbs**
Gerald Francis McBrearty

For: **Method for Generating Sparse Logical Volume Mirrors Within Data Storage Systems**

Enclosed are:

☒ Patent Specification

☒ Drawings - Seven (7) sheet(s)

☒ Declaration and Power of Attorney

☒ An assignment of the invention to International Business Machines Corporation (including Recordation Form Cover Sheet).

☒ Return Postcard

☐ A certified copy of a _____ application.

☐ Information Disclosure Statement, PTO 1449 and copies of references.

The filing fee has been calculated as shown below:

For	Number Filed		Number Extra	Rate		Fee
Basic Fee	1					$750.00
Total Claims	15	- 20	0 X	$18.00	=	$
Indep. Claims	4	- 3	1 X	$84.00	=	$84.00
MULTIPLE DEPENDENT CLAIM PRESENTED			0 X	$280.00	=	$
				TOTAL		$834.00

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X The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to IBM Corporation Deposit Account 09-0447. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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